

B.Sc. (Hons.) in Information Technology Year 1 - Semester 2, 2017

Lab Exercise 3 (Descriptive Statistics)

IT1070 - Probability & Statistics

Week 03

The data set is about accommodations of set of students who are studying at University College.

X1 = Age of Student

X2 = Gender

1 = Male

2 = Female

X3 = Accommodation

1 =Stays at Home

2 = Boarded Students

3 = Lodging

- 1. Identify the variables and import the given data set into R.
- 2. Analyse the data in a single variable at a time (univariate analysis).
- 3. Describe gender and accommodation together (bivariate analysis).
- 4. Describe age with gender/accommodation.
- 5. Find the mean age for all the combinations of gender and accommodation.

Hint: Use following format.

		Accommodation		
		Home	Boarded	Lodging
Gender	Male	Mean Age	Mean Age	Mean Age
	Female	Mean Age	Mean Age	Mean Age